



# COUNTY OF LOS ANGELES

## DEPARTMENT OF PUBLIC WORKS

*"To Enrich Lives Through Effective and Caring Service"*

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IN REPLY PLEASE

REFER TO FILE: **C-1**

February 1, 2005

The Honorable Board of Supervisors  
County of Los Angeles  
383 Kenneth Hahn Hall of Administration  
500 West Temple Street  
Los Angeles, CA 90012

Dear Supervisors:

**CHANGES IN WORK FOR PUBLIC WORKS CONTRACTS  
ALL SUPERVISORIAL DISTRICTS  
3 VOTES**

**IT IS RECOMMENDED THAT YOUR BOARD:**

Find that the requested changes in work have no significant effect on the environment and approve the changes for the following construction contracts:

Project ID No. FCC0000368 - Ninth Avenue Drain, vicinities of Industry and Hacienda Heights (1 and 4), W. A. Rasic Construction Company, Inc., in amount of \$26,604.00.

Project ID No. FCC0000396 - Dominger Drain and Pump Station, City of Carson (2), Colich Construction, L.P., in amount of \$63,732.05.

Project ID No. FCC0000839 - Regional Project No. 1105 - Redondo Beach Area Low Flow Diversion at Herondo Street Downstream of Francisca Avenue, Cities of Redondo Beach and Hermosa Beach (4), Mehta Construction Company, in amount of \$60,148.63.

Project ID No. FCC0000929 - Temescal Canyon (1958) Project No. 500, Line A, and Pulga Canyon (1958) Project No. 501, Unit 2, Line A, Reinforced Concrete Box Repair, City of Los Angeles (3), Slater Waterproofing, Inc., in amount of \$123,000.00.

Project ID No. OSD0000007 - San Pasqual Area Street Light Improvements, vicinities of Pasadena and San Marino (5), Steiny and Company, Inc., in amount of \$8,000.00.

Project ID No. RDC0014170 - Washington Boulevard at Norwalk Boulevard, vicinity of Santa Fe Springs (1), Steiny and Company, Inc., in amount of \$12,000.00.

#### **PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION**

This action is to obtain Board approval for changes in public works contracts in support of the timely completion of the projects while avoiding delays and the potential for claims. The descriptions of the changes, estimated costs, and necessary time extensions are listed in the enclosure for each contract.

The Acting Director of Public Works has been authorized by your Board to order changes in work up to \$10,000 for construction contracts. Enclosed for your ratification are changes in work which I ordered for Project ID No. OSD0000007.

Also enclosed for your authorization are changes in work in excess of my delegated limits which are required to complete Project ID Nos. FCC0000368, FCC0000396, FCC0000839, FCC0000929, and RDC0014170.

#### **Implementation of Strategic Plan Goals**

Approval of these changes in work, which are necessary to satisfactorily complete the projects, is consistent with the County Strategic Plan Goal of Service Excellence since the improved infrastructure will better serve the public.

### **FISCAL IMPACT/FINANCING**

The estimated change order amounts for these contracts range from \$8,000.00 to \$123,000.00.

If these changes in work are not approved, contract completion will be delayed and increased costs incurred.

Sufficient funds are available in the Board-approved appropriations for each of the respective projects to cover the costs of the requested changes. Detailed cost breakdowns for each of the changes, together with contract cost summaries, are included in the enclosures.

### **FACTS AND PROVISIONS/LEGAL REQUIREMENTS**

Each of the subject contracts for the construction of public works improvements was awarded by your Board to the lowest responsible bidder in accordance with the California Public Contract Code, your Board's directives, and as recommended by the Director of Public Works.

### **ENVIRONMENTAL DOCUMENTATION**

The changes in work as described above and in the enclosures are within the limits of the Board-approved projects and do not change any conditions which resulted in the original environmental findings.

### **CONTRACTING PROCESS**

Each contract provides that the contractor be compensated for changes in the work as a result of changes to the original plans and specifications or changed conditions encountered during the course of construction. The costs of each of the changes are based on contract unit prices, time and materials methods, or negotiated under the provisions of the contract specifications. The methods for arriving at the costs of the changes are included in the enclosures.

### **IMPACT ON CURRENT SERVICES (OR PROJECTS)**

Approval of the requested changes by your Board will ensure the timely completion of work under each of the respective contracts and result in complete and usable facilities.

The Honorable Board of Supervisors  
February 1, 2005  
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**CONCLUSION**

Please return one approved copy of this letter to Public Works.

Respectfully submitted,

DONALD L. WOLFE  
Acting Director of Public Works

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cc: Chief Administrative Office  
County Counsel  
Office of Affirmative Action Compliance

CHANGE IN WORK (AUTHORIZE)  
February 1, 2005

PROJECT ID NO. FCC0000368, NINTH AVENUE DRAIN (in the vicinities of Industry and Hacienda Heights), Supervisorial Districts 1 and 4, Contractor: W. A. Rasic Construction Company, Inc.

Project Description:

Construction of a reinforced concrete box and pipe storm drains, drainage structures, retaining walls, asphalt concrete pavement, curb and gutter, sidewalk, driveways, and other appurtenant work.

Changes in Work:

(1) Additional Concrete Removal	\$ 2,100.00
(2) Additional Concrete Backfill	6,904.00
(3) Delay due to Abandoned Utilities	1,500.00
(4) Delay due to Interfering Utility Services	9,500.00
(5) Delay due to Interfering Water Mains	<u>6,600.00</u>
Total	<u>\$26,604.00</u>

Description of Changes:

(1) During removal of an existing concrete bulkhead, it was determined that the bulkhead was 12 inches thick. Concrete bulkheads are normally 6 inches thick. Therefore, it will be necessary to reimburse the contractor for the costs of the additional labor and equipment.

(2) Several shallow connector pipes required concrete backfill. It will be necessary to compensate the contractor for the additional concrete used.

(3) During excavation, the contractor encountered several unmarked abandoned utilities which resulted in delays in the amount shown.

(4) During excavation, the contractor encountered unmarked gas and water services which resulted in delays in the amount shown.

(5) During excavation, the contractor encountered two water main lines that were incorrectly shown on the plans. It will be necessary to compensate the contractor for delays. The water company will be billed for our additional costs.

The costs for Items 1, 3, 4, and 5 will be based on time and materials methods as provided in Subsection 3-3 of contract specifications. The cost for Item 2 will be based on contract unit prices.

Two additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$3,467,493.00
Changes in work to be authorized	<u>26,604.00</u>
Revised contract amount	<u>\$3,494,097.00</u>

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CHANGE IN WORK (AUTHORIZE)  
February 1, 2005

PROJECT ID NO. FCC0000396, DOMINGER DRAIN AND PUMP STATION  
(City of Carson), Supervisorial District 2, Contractor: Colich Construction L.P.

Project Description:

Construction of reinforced pipe storm drain system, a pump station, and outlet works to an existing flood control channel.

Changes in Work:

(1) Protection of Unmarked Utility Lines	\$ 8,000.00
(2) Install Gate and Air Release Valves	15,400.00
(3) Dispose of Petromat and Asphalt Concrete	8,700.00
(4) Remove Cross Gutter	1,500.00
(5) Install Hoisting Anchors	1,400.00
(6) Modify Catch Basin	2,982.57
(7) Install Removable Safety Chain Rails	4,000.00
(8) Relocate 6" Gate Valve and Replace Asbestos-Cement Pipe	6,000.00
(9) Install New Capacitor	<u>15,749.48</u>
Total	<u>\$63,732.05</u>

Description of Changes:

(1) The contractor encountered unmarked utilities which required additional efforts to protect them in place. This work is not shown on the plans.

(2) To safely excavate and install the new reinforced concrete pipe on Dominguez Street, it will be necessary to install one gate valve and two air release valves and remove an existing thrust block. This work is not shown on the plans.

(3) While excavating for the mainline, the contractor encountered petromat material under the asphalt concrete layers. It will be necessary to reimburse the contractor for the additional costs incurred to haul and dispose of the material at a special handling facility. This work is not shown on the plans.

(4) It will be necessary to remove a section of a concrete cross gutter encountered under the existing pavement that will interfere with the construction of the new connector pipes. This work is not shown on the plans.

(5) For future maintenance of the pumps, it will be necessary to install hoisting anchors in the ceiling of the station. This work is not shown on the plans.

(6) It will be necessary to install a deeper catch basin to avoid existing utilities incorrectly marked on the plans. This work is not shown on the plans.

(7) It will be necessary to install safety chain railings on the engine room floor for the trash cleanout and the sump pump hatch openings. This work is not shown on the plans.

(8) To meet the intent of the design, it will be necessary to relocate a 6" gate valve and replace 30" of asbestos-cement pipe with ductile-iron pipe. This work is not shown on the plans.

(9) It will be necessary to add a capacitor to increase the efficiency of the newly installed motor and pump to save on energy costs. This work is not shown on the plans.

The costs for Items 1 through 5, 7, and 8 will be based on time and materials methods as provided in Subsection 3-3 of the contract specifications. A portion of the cost for Item 6 was based on contract unit prices. The balance of the cost for Item 6 and the cost for Item 9 will be negotiated as provided in Subsection 3-2 of the contract specifications.

Twenty-two additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$5,458,770.00
Changes in work to be authorized	<u>63,732.05</u>
Revised contract amount	<u><u>\$5,522,502.05</u></u>

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CHANGE IN WORK (AUTHORIZE)  
February 1, 2005

PROJECT ID NO. FCC0000839, REGIONAL PROJECT NO. 1105 - REDONDO BEACH  
AREA LOW FLOW DIVERSION AT HERONDO STREET DOWNSTREAM OF  
FRANCISCA AVENUE (Cities of Redondo Beach and Hermosa Beach),  
Supervisory District 4, Contractor: Mehta Construction Company

Project Description:

Construction of a low flow diversion weir; reinforced concrete transition structures; reinforced concrete box; reinforced concrete stormwater/sediment separator; and reinforced concrete sump with pumps, control system, and discharge pipes.

Changes in Work:

(1) Furnish and Maintain Changeable Message Signs	\$16,600.00
(2) Delay Cost	18,548.63
(3) Construct Temporary Bulkheads and Dewater Work Area	<u>25,000.00</u>
Total	<u>\$60,148.63</u>

Description of Changes:

(1) To mitigate traffic impacts, it will be necessary for the contractor to provide two changeable message signs to provide notice of construction activities and to encourage motorists to use alternate routes. These message boards are not required by the contract and the contractor must be reimbursed for the additional cost.

(2) After removing the reinforced concrete box deck, the contractor encountered approximately 6' of standing water within the work area caused by a beach outlet plugged with sand and trash. It will be necessary to reimburse the contractor for standby time and delay costs incurred because of this unforeseen field condition.

(3) It will be necessary to construct two bulkheads in the reinforced concrete box, in order to contain and dewater the work area. This work is not shown on the plans.

The costs for Items 1 and 3 will be based on time and materials methods as provided in Subsection 3-3 of the contract specifications. The cost for Item 2 was negotiated as provided in Subsection 3-2 of the contract specifications.

Twenty additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$576,750.00
Changes in work to be authorized	<u>60,148.63</u>
Revised contract amount	<u>\$636,898.63</u>

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CHANGE IN WORK (AUTHORIZE)  
February 1, 2005

PROJECT ID NO. FCC0000929, TEMESCAL CANYON (1958) PROJECT NO. 500,  
LINE A, AND PULGA CANYON (1958) PROJECT NO. 501, UNIT 2, LINE A,  
REINFORCED CONCRETE BOX REPAIR (City of Los Angeles),  
Supervisory District 3, Contractor: Slater Waterproofing, Inc.

Project Description:

Repair of eroded and damaged portions of reinforced concrete box storm drain and other appurtenant work.

Changes in Work:

(1) Additional Invert Repair	\$ 91,000.00
(2) Repair Cracks at Rubio Wash	<u>32,000.00</u>
Total	<u>\$123,000.00</u>

Description of Changes:

(1) Additional areas of the reinforced concrete box storm drain invert were severely deteriorated and in need of repair. It will be necessary to repair these areas in order to complete the project in accordance with the intent of the plans.

(2) Recent storms caused major cracks and spalling of portions of Rubio Wash. These cracks and spalling need emergency repairs to maintain the integrity of the structures.

The costs for Item 1 will be based on both contract unit prices and time and materials methods provided in Subsection 3-3 of the contract specifications. The cost for Item 2 will be negotiated as provided in Subsection 3-2 of the contract specifications

Twenty-four additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$850,580.00
Changes in work to be authorized	<u>123,000.00</u>
Revised contract amount	<u>\$973,580.00</u>

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CHANGE IN WORK (RATIFY)  
February 1, 2005

PROJECT ID NO. OSD0000007, SAN PASQUAL AREA STREET LIGHT  
IMPROVEMENTS (in the vicinities of Pasadena and San Marino),  
Supervisory District 5, Contractor: Steiny and Company, Inc.

Project Description:

Installation of conduits, conductors, pull boxes, and retrofit kits and lamps to modernize the existing street lighting system.

Changes in Work:

(1) Exploratory Excavations	\$6,000.00
(2) Maintain and Repair Existing Street Lighting System	<u>2,000.00</u>
Total	<u>\$8,000.00</u>

Description of Changes:

(1) In order to avoid damaging hazardous utilities during construction, the contractor was directed to perform 20 exploratory excavations. This work was not shown on the plans.

(2) It was necessary to have the contractor maintain the existing lighting system during the project improvements. This work was not included in the contract.

The costs for Item 1 was stipulated as provided in Subsection 3-2 of the contract specifications. The costs for Item 2 will be based on time and materials methods as provided in Subsection 3-3 of the contract specifications.

Twenty additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$504,679.00
Changes in work to be ratified	<u>8,000.00</u>
Revised contract amount	<u>\$512,679.00</u>

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CHANGE IN WORK (AUTHORIZE)  
February 1, 2005

PROJECT ID NO. RDC0014170, WASHINGTON BOULEVARD AT NORWALK BOULEVARD (in the vicinity of Santa Fe Springs), Supervisorial District 1,  
Contractor: Steiny and Company, Inc.

Project Description:

Installation of traffic signals and striping and pavement markings and construction of curb, sidewalk, and curb ramps.

Change in Work:

Installation of Wireless Video Camera	\$12,000.00
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Description of Change:

It will be necessary to compensate the contractor for the installation of a one-direction wireless video camera for the east approach of Washington Boulevard at Norwalk Boulevard. The cost for this work will be based on time and materials methods as provided in Subsection 3-3 of the contract specifications.

Fifteen additional working days will be required because of this change.

Revised Contract Amount:

Original contract amount	\$107,827.70
Changes in work previously approved by the Board	33,927.73
Changes in work to be authorized	<u>12,000.00</u>
Revised contract amount	<u>\$153,755.43</u>

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